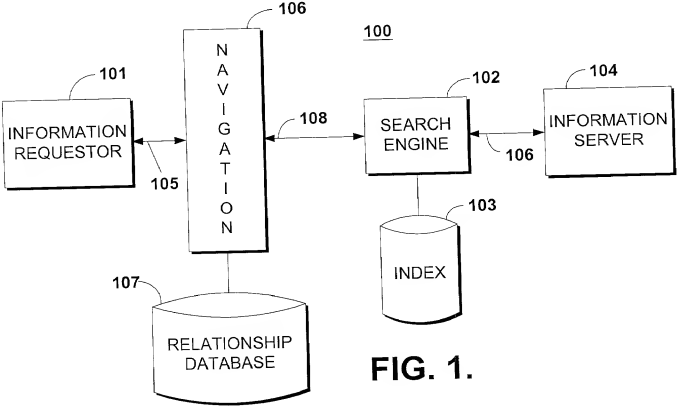

106
100
101
NAVIGATION
102
104
INFORMATION REQUESTOR
108
SEARCH ENGINE
INFORMATION SERVER
105
106
103
INDEX
107
RELATIONSHIP DATABASE

FIG. 1.

200

201 Informational Item	202 Related Informational Item	203 Relationship Type	204 Relationship Strength
Info. Item 1	Info. Item A	General	STR 1
	Info. Item B	CHAR 1	STR 3
	Info. Item C	CHAR 2	STR 9
Info. Item 2	Info. Item D	General	STR 4
	Info. Item X	CHAR 1	STR 15
	Info. Item C	CHAR 2	STR 3
	Info. Item D	CHAR 3	STR 7
	Info. Item A	CHAR 3	STR 2
.	.	.	.
Info. Item N	Info. Item X	General	STR l
	Info. Item Y	CHAR 1	STR m
	Info. Item Z	CHAR 2	STR n

Fig. 2

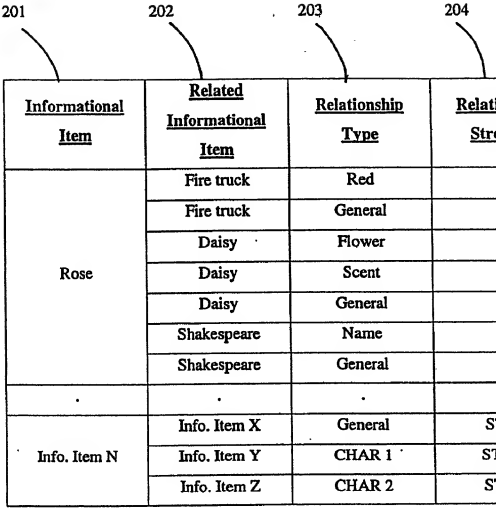
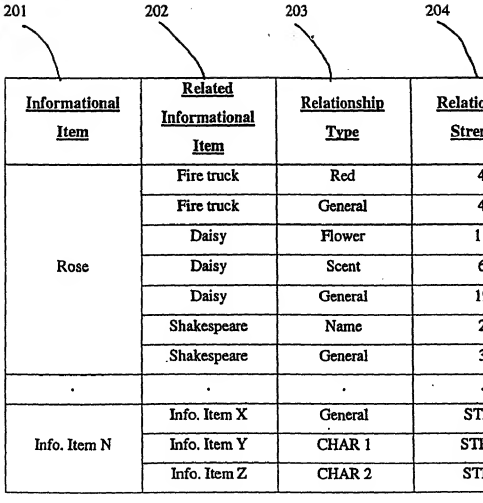

201
202
203
204
Informational Item
Related Informational Item
Relationship Type
Relationship Strength
Rose
Fire truck
Red
4
Fire truck
General
4
Daisy
Flower
10
Daisy
Scent
5
Daisy
General
18
Shakespeare
Name
2
Shakespeare
General
3
Info. Item N
Info. Item X
General
STR l
Info. Item Y
CHAR 1
STR m
Info. Item Z
CHAR 2
STR n
205

Fig. 2A



201 Informational Item	202 Related Informational Item	203 Relationship Type	204 Relationship Strength
Rose	Fire truck	Red	4
	Fire truck	General	4
	Daisy	Flower	11
	Daisy	Scent	6
	Daisy	General	19
	Shakespeare	Name	2
	Shakespeare	General	3
.	.	.	.
Info. Item N	Info. Item X	General	STR l
	Info. Item Y	CHAR 1	STR m
	Info. Item Z	CHAR 2	STR n

206

Fig. 2B

09621*16515260

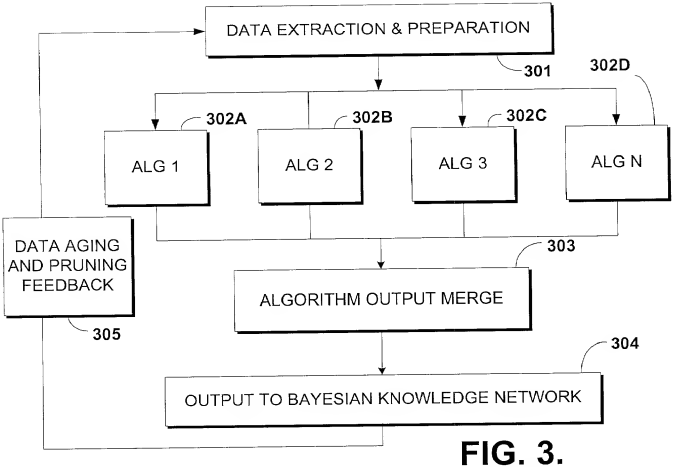


FIG. 3.

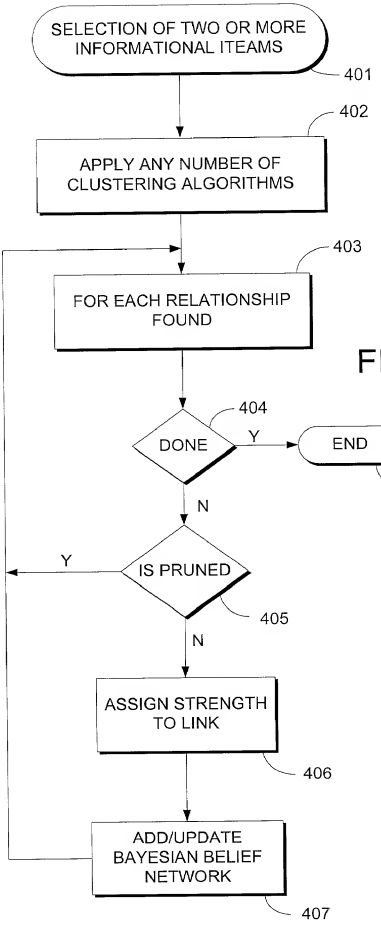


FIG. 4A.

09527*1625760

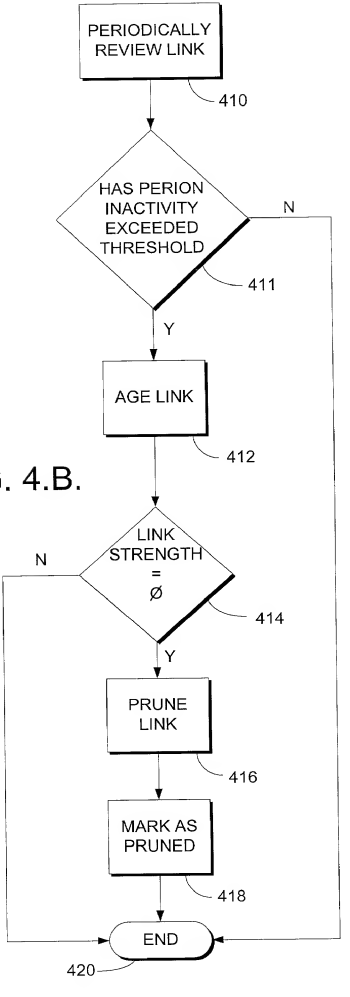

PERIODICALLY REVIEW LINK
410
HAS PERION INACTIVITY EXCEEDED THRESHOLD
411
N
Y
AGE LINK
412
LINK STRENGTH = Ø
414
N
Y
PRUNE LINK
416
MARK AS PRUNED
418
END
420

FIG. 4.B.

500

501 Informational Item	502 Related Informational Item	503 Relationship Type	504 Relationship Strength
Info. Item 1	Info. Item A	General	STR 1
	Info. Item B	CHAR 1	STR 3
	Info. Item C	CHAR 2	STR 9
.	.	.	.
Info. Item N	Info. Item X	General	STR 1
	Info. Item Y	CHAR 1	STR m
	Info. Item Z	CHAR 2	STR n
Item LOC 1	Info. Item D	HELP	STR 4
	Info. Item E	HELP	STR 6
	Info. Item F	HELP	STR 9
.	.	.	.
Item LOC N	Info. Item Q	HELP	STR 1
	Info. Item R	HELP	STR m
	Info. Item S	HELP	STR n

505

Fig. 5

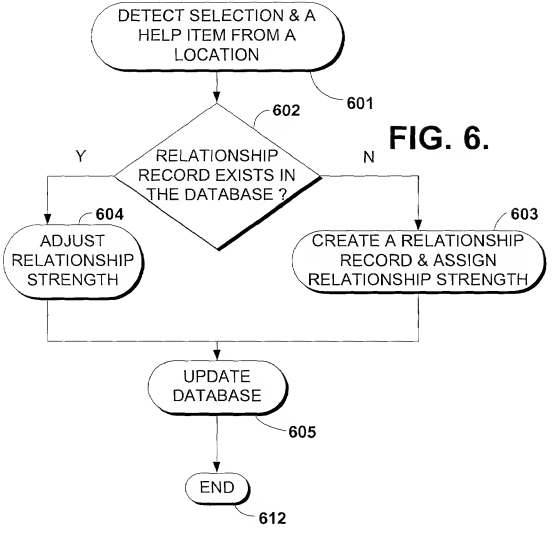

DETECT SELECTION & A HELP ITEM FROM A LOCATION
601
602
RELATIONSHIP RECORD EXISTS IN THE DATABASE ?
Y
N
604
ADJUST RELATIONSHIP STRENGTH
603
CREATE A RELATIONSHIP RECORD & ASSIGN RELATIONSHIP STRENGTH
UPDATE DATABASE
605
END
612

FIG. 6.

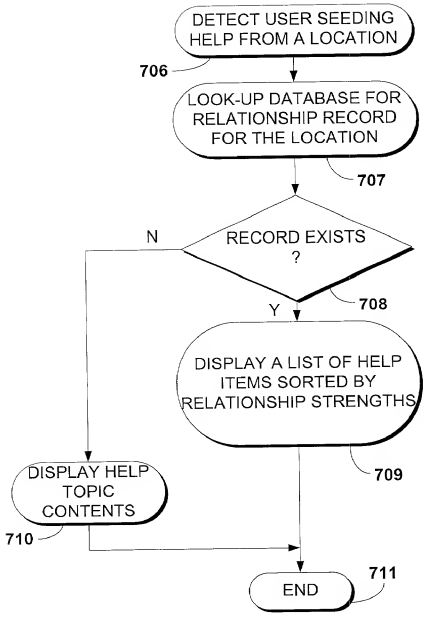

DETECT USER SEEDING HELP FROM A LOCATION
706
LOOK-UP DATABASE FOR RELATIONSHIP RECORD FOR THE LOCATION
707
RECORD EXISTS ?
N
Y
708
DISPLAY A LIST OF HELP ITEMS SORTED BY RELATIONSHIP STRENGTHS
709
DISPLAY HELP TOPIC CONTENTS
710
END
711

FIG. 7.